C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.56ag   RHIC Zone 12z2 Sweep Checklist

Text Pages 1 through 2

AGS OPM Procedures in which this Attachment is used.		
4.56		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
_____	_____	_____	_____
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Revision No. 00

Approved: _____ _____
AGS Department Chairman   Date

P. Ingrassia, W. MacKay

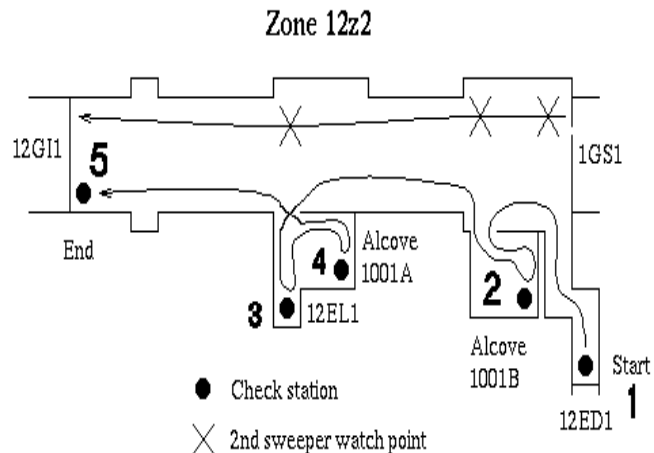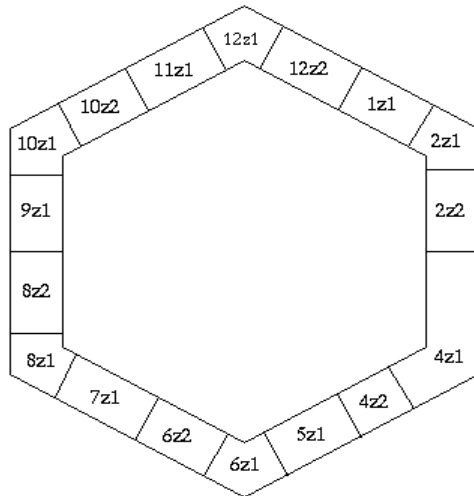Team Leader (**TL**)_____ Sweeper#2 (**S2**)_____

Time:_____ Date:_____

Warning:
IF any workers are encountered during the sweep, **THEN** contact the OC to see if the sweep should be aborted. Workers shall leave the enclosure **WITH** the sweep team. **IF** the workers crash out of the enclosure **AND** do not exit with the sweep team, **THEN** the sweep shall be re-started.

Prerequisites
- Two persons to perform the sweep,
- At least one sweeper not restricted from working at heights over five feet.
- RHIC Zone 12z2 Sweep Checklist (two pages)
- Required Tools: at least one flashlight,
- Walkie-talkies
- All Doors closed THEN 12Z2 set to Controlled Access
- Keys: Sweep Reset key S/R015, Controlled Access key CA014

Note:
References to positions in the tunnel are made using the RHIC magnets. The identity of the local magnet can be determined by looking up at the "lower" cable tray and reading the magnet name on a blue (B) or yellow (Y) label. For example, the convention used is: I05Q17 (Inside, Q17) or O-05Q17 (Outside, Q17). References are for inside locations and are visilble only by the Team Leader

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check
____1. Sweep team enters 12z2 after TL requests simultaneous release from MCR (12GI1 is the recommended entry door).

CONTINUED ON REVERSE SIDE

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_____2. TL opens 12GI1 gate by turning the CA014 key clockwise, in the Controlled Access key-switch while Operator in MCR presses simultaneous release for 12GI1.

_____3. Each sweeper passes through one 12GI1 door (TL through inner door).

_____4   Sweep team walks to 1GS1 at the far end of the 12z2 zone.

_____5   S2 stands static watch at 1GS1.

_____6   TL walks down labyrinth to 12ED1 door.

_____7. TL resets gate 12ED1 using the S/R015 key in the RESET keyswitch .

_____8   TL observes the yellow RESET lamp is lighted

_____9   TL STARTS SWEEP by turning the S/R015 key CW in the SWEEP key-switch (12CS5)

_____10 TL observes AREA SECURED lamp blink once.

_____11 TL sweeps out the labyrinth and rejoins S2.

_____12 TL stands static watch while S2 climbs yellow stairs and searches fan vents and the space above the cable trays.

_____13 S2 returns to the outside of the tunnel and stands static watch opposite 1001B alcove entrance.

_____14 TL goes to check station 12CS4 in the 1001B Alcove.

_____15. TL sets second check station (12CS4) by turning S/R015 key in the SWEEP keyswitch.

_____16. TL observes AREA SECURED lamp blink once.

_____17 TL searches all the equipment racks,   sweeps out the alcove, and rejoins S2.

_____18. Sweep team sweeps Counter Clockwise (CCW) around RHIC.

_____19. TL stops to check the Exhaust Fan Vent Barrier at I-12Q17.

_____20. Sweep team sweeps Counter Clockwise (CCW) around RHIC.

_____21. S2 stands static watch at the electrical services alcove opposite T-12Q13.

_____22. TL goes to to the ladder at 12EL1 in alcove 1001A.

_____23 IF there is no mirror to verify no one is on the landing at the top of the ladder, THEN TL must climb the ladder to verify no one is on the landing and to check that 12EL1 door is closed.

_____24 TL resets gate 12EL1 using the S/R015key in the RESET keyswitch at the bottom of the ladder.

_____25 IF 12EL1 will not reset THEN TL climbs the ladder, closes 12EL1, then repeats step 24.

_____26 TL observes RESET lamp lights after RESET.

_____27 TL sets third check station (12CS2) by turning S/R015 key in the SWEEP keyswitch.

_____28 TL observes SWEEP lamp blink once.

_____29 TL searches all the equipment racks, and sweeps to check station 12CS3 in the corner of the alcove

_____30 TL sets fourth check station (12CS3) by turning S/R015 key in the SWEEP keyswitch.

_____31 TL observes SWEEP lamp blink once.

_____32 TL sweeps out the alcove, and rejoins S2.

_____33 TL confirms fan vent barrier 12EF1 is in place on the far side of the tunnel and overhead barrier is in place. (above S2).

_____34 Sweep team sweeps Counter Clockwise (CCW) around RHIC.

_____35 Sweep Team stops to check the Exhaust Fan Vent Barriers at I-12DU7.

_____36 Sweep team sweeps Counter Clockwise (CCW) around RHIC.

_____37 Sweep Team sweeps to gate 12GI1. (Inner and Outer gates)

_____38 TL ENDS SWEEP by turning the S/R015 key SWEEP key in the SWEEP keyswitch on 12GI1-I (12CS1).

_____39. TL observes the yellow SWEEP lamp is lighted

_____40 TL contacts MCR for simultaneous release for gate 12GI1.

_____41 Sweep Team sweeps out zone 12z2 through their respective 12GI1 doors.

_____42 TL resets gate 12GI1 using the S/R015 key in the Reset keyswitch at 12GI1-1 on 12Z1 side

_____43 TL observes the yellow RESET lamp is lighted

_____44 TL contracts MCR and confirms that gates are reset and 12Z2 zone indicates sweep is good.

Note:

IF the AREA SECURED, and GATE RESET lamps are not lit THEN contact MCR to verify sweep is good and gates are reset.

_____45 After returning to MCR and verifying that all information is filled out completely, TL files the checklist in FY_xx Sweep Log binder.